

WHAT IS CLAIMED IS:

- 44> 1. An active matrix type organic EL display device comprising:
- an insulated gate field effect transistor provided on a single crystal semiconductor substrate;
 - an organic EL layer provided over said insulated gate field effect transistor;
 - a bed plate and a cover plate formed of an insulating material;
 - a packing material for bonding the bed and cover plates,

wherein the single crystal semiconductor substrate is held in a vacant space which is defined by the bed plate and the cover plate and the packing material, and

wherein the vacant space is filled with an inert gas and a drying agent.

2. A device according to claim 1 wherein said organic EL display device is employed for a display portion of a goggle type display device.

- AS> 3. An active matrix type organic EL display device comprising:

- an insulated gate field effect transistor provided in a pixel section on a single crystal semiconductor.

substrate;

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an organic EL layer provided over said insulated gate field effect transistor;

a bed plate and a cover plate formed of an insulating material;

a packing material for bonding the bed and cover plates,

wherein the single crystal semiconductor substrate is held in a vacant space which is defined by the bed plate and the cover plate and the packing material,

wherein the cover plate comprises a transparent material in a region of the cover plate overlapping with the pixel section, and

wherein the vacant space is filled with an inert gas and a drying agent.

4. A device according to claim 3 wherein said organic EL display device is employed for a display portion of a goggle type display device.

5. An active matrix type organic EL display device comprising:

an insulated gate field effect transistor provided in a pixel section on a single crystal semiconductor substrate;

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an organic EL layer provided over said insulated
gate field effect transistor;

a bed plate and a cover plate formed of a ceramics
material;

a packing material for bonding the bed and cover
plates,

wherein the single crystal semiconductor substrate
is held in a vacant space which is defined by the bed
plate and the cover plate and the packing material,

wherein the cover plate comprises a transparent
material in a region of the cover plate overlapping with
the pixel section, and

wherein the vacant space is filled with an inert
gas selected from the group consisting of helium, argon,
krypton, xenon and nitrogen, and is filled with a drying
agent selected from the group consisting of barium oxide
and silica gel.

6. A device according to claim 5 wherein said organic
EL display device is employed for a display portion of
a goggle type display device.

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7. An active matrix type organic EL display device
comprising:

an insulated gate field effect transistor provided

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on a single crystal semiconductor substrate;

an organic EL layer provided over said insulated gate field effect transistor;

a bed plate and a cover plate formed of an insulating material;

a binder layer for bonding the bed and cover plates,

wherein the single crystal semiconductor substrate is held in a vacant space which is defined by the bed plate and the cover plate and the binder layer, and

wherein the vacant space is filled with an inert gas and a drying agent.

8. A device according to claim 7 wherein said organic EL display device is employed for a display portion of a goggle type display device.

9. An active matrix type organic EL display device comprising:

an insulated gate field effect transistor provided in a pixel section on a single crystal semiconductor substrate;

an organic EL layer provided over said insulated gate field effect transistor;

a bed plate and a cover plate formed of an insulating material;

10. a binder layer for bonding the bed and cover plates,
wherein the single crystal semiconductor substrate
is held in a vacant space which is defined by the bed
plate and the cover plate and the binder layer,

wherein the cover plate comprises a transparent
material in a region of the cover plate overlapping with
the pixel section, and

wherein the vacant space is filled with an inert
gas and a drying agent.

10. A device according to claim 9 wherein said organic
EL display device is employed for a display portion of
a goggle type display device.

11. An active matrix type organic EL display device
comprising:

an insulated gate field effect transistor provided
in a pixel section on a single crystal semiconductor
substrate;

an organic EL layer provided over said insulated
gate field effect transistor;

a bed plate and a cover plate formed of a ceramics
material;

a binder layer for bonding the bed and cover plates,
wherein the single crystal semiconductor substrate ,

is held in a vacant space which is defined by the bed plate and the cover plate and the binder layer,

wherein the cover plate comprises a transparent material in a region of the cover plate overlapping with the pixel section, and

wherein the vacant space is filled with an inert gas selected from the group consisting of helium, argon, krypton, xenon and nitrogen, and is filled with a drying agent selected from the group consisting of barium oxide and silica gel.

12. A device according to claim 11 wherein said organic EL display device is employed for a display portion of a goggle type display device.